

The following were developed by Aomori Apple Expt. Sta., Kuroishi, Aomori, Japan. Donated by Roger D. Way, Cornell University, New York State Agric. Exp. Station, Department of Horticulture, Geneva, New York 14456-0462, United States. Received 01/14/1988.

**PI 589855. *Malus domestica* Borkh.**

Murasaki. Pedigree - Jonathan x Delicious; crossed 1935; named 1948. Comments:: Fruit: size medium, 70-75 mm; skin 80-90% dark red blush, attractive; shape round-conic; flesh firm, cream-colored; flavor slightly acid; eating quality fair; harvest season late October, 3 wks after Delicious. Tree: very productive; somewhat biennial. Attractive, firm, late. R.D. Way, 1992.

The following were developed by A.H. Mullins. Donated by Bountiful Ridge Nurseries, Princess Anne, Maryland 21853, United States. Received 03/24/1940.

**PI 589856. *Malus domestica* Borkh.**

Yellow Delicious; C 21333; GMAL 2612. Collected in Unknown. Chance seedling in Clay County, West Virginia, USA. Pedigree - Possibly Grimes Golden x. Comments:: Size med. 70:65-69mm; shape intermediate to tall, rectangular-conic, convex, ribbed on body and at eye; skin yellow, occasional orange flush, welter and dotted russet, flesh crisp, yellowish white, flavour sweet, season late to very late; stalk long; Good keeper. Good disease resistance. Tree spreading, very vigorous, bears young and heavily. Widely grown throughout the world. - Originated 1890; intro; 1914; self fruitful but yields improved when pollinated by Lodi, Jonathan, Melrose or Red Delicious. Excellent pollinator for other apples.

The following were donated by J. H. Waring, University of Maine, Orono, Maine 04469, United States. Received 09/03/1946.

**PI 589857. *Malus pumila* Miller**

Niedzwetzkyana; GMAL 2613.

Unknown source. Received 09/21/1960.

**PI 589858. *Malus* sp.**

97; GMAL 2614.

Unknown source. Received 09/21/1960.

**PI 589859. *Malus prunifolia* (Willd.) Borkh.**

240; GMAL 2615.

Unknown source. Received 09/21/1960.

**PI 589860. *Malus* sp.**

107; GMAL 2616.

Unknown source. Received 09/21/1960.

**PI 589861. *Malus* sp.**

179; GMAL 2617.